

## **SECTION 503 – UNDERGROUND CABLE**

### **1. GENERAL**

This section includes the installation of underground cable to facilitate the remote reading of water meters. These water meters are normally located on public right-of-way adjacent to street pavement. One type of underground cable installation typically would involve the placement of a three (3) wire cable, approximately 1/8" in diameter, from a residential structure to an existing water meter located near the street curb. Another type of typical underground cable installation would involve the placement of a three (3) wire cable, approximately 1/8" in diameter, from the existing water meter located near the street curb to a 4" diameter landscape type wood post to be located on public right-of-way. The post shall be furnished and installed by the Salina Water Division.

### **2. CABLE INSTALLATION**

The Contractor shall install the 3 wire cable from the existing water meter located near the street curb to the remote reading receptacle location. This receptacle is normally located on the residential structure or a post near the water meter. The Salina Water Division will furnish the 3 wire cable and will furnish and install the remote reading receptacles.

This work includes the installation of the U/G cable at a minimum depth of 1/2" by utilizing one or more of the following methods: cable plows; machine trenchers; boring machines; and hand trenching. The Contractor may select the method of cable installation. No excavation shall normally be permitted within ten (10) feet of any tree to minimize damage to the root system of the tree. The Contractor shall contact the City of Salina Forester at 826-7275 if this minimum distance from trees can not be maintained.

This work also includes transporting the cable from the Water Distribution Warehouse to the job sites.

### **3. RESTORATION OF LANDSCAPED AREAS**

The Contractor is responsible for all restoration of landscaped areas including driveways, sidewalks, shrubs, trees, lawns, underground irrigation systems, underground utilities, fences, flower gardens, etc.. The work area shall be restored to a condition equal to the original undisturbed condition.

### **4. PUBLIC RELATIONS**

The Contractor represents the City of Salina's image on this cable installation project. The homeowner shall be contacted in a timely manner by the Contractor prior to commencing work at the site to discuss the scope and nature of the cable installation project as it pertains to the individual homeowner's property. This discussion shall include the selection of the cable route; the remote reading receptacle location; presence of known U/G obstructions or facilities; project schedule; names and phone numbers of key contact people; etc.. The Contractor shall maintain a written record of this discussion for future reference.

The Contractor's employees shall wear clothing that is appropriate for this project. Clothing with references to alcohol, drugs, sex, and abusive language is considered inappropriate attire.

Employees of the Contractor shall be well trained and knowledgeable in underground cable installation in urban areas. The employees shall be courteous and conduct themselves in a professional manner at all times. All complaints and concerns expressed by the private property owners shall be addressed and resolved by the Contractor as quickly as possible.

5. DAILY LOGS

The Contractor shall maintain an accurate written log of activities performed each working day. This log shall include the quantity of cable installed at each address; the type of installation (Type A, B or C); and the date of the installation.